

Claims

- [c1] A device for air cleaning from dust and aerosols comprising: a body with an air inlet, inside the body corona-forming and precipitation electrodes with opposite polarities, deflection electrodes are established, behind said deflection electrodes electrode-generator of negatively charged aeroions is established being electrically coupled with precipitation electrodes as well as a means for aromatic or medical substances wherein in front of corona-forming electrodes a reflector of positively charged aeroions is established being electrically coupled with said corona-forming electrodes, while a means for aromatic or medical substances is effected as one or several tapes made of porously-fiber material, which ends are placed in capacities containing aromatic or medical substances, said capacities are places beyond the body of the device.
- [c2] A device according to claim 1 wherein behind electrode-generator at a distance an accelerating electrode is established, to which a controlled positive potential is supplied.
- [c3] A device according to claim 2 wherein accelerating electrode is effected with a possibility of movement in respect to electrode-generator.
- [c4] A device according to claim 2 wherein a high-frequency alternating current is supplied to electrode-generator.
- [c5] A device according to any of claim 4 further comprising several reflectors of positively charged aeroions, corona-forming, precipitation and deflection electrodes places in sequence.